



**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277

Tetsuya HAYASHI, et al. : Confirmation Number: 7605

Serial No.: 10/701,452 : Group Art Unit: 3682

Filed: November 06, 2003 : Examiner: Not yet assigned

For: THRUST ROLLER BEARING AND CAGE

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the

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foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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## INFORMATION LOSURE SERIAL NO. ATTY. DOCKET NO. 57454-985 10/701,452 CITATION IN AN APPLICATION APPLICANT Tetsuya HAYASHI, et al. FILING DATE **GROUP** (PTO-1449) November 06, 2003 3682 U.S. PATENT DOCUMENTS **EXAMINER'S** CITE Document Number Publication Date Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where **INITIALS** NO. MM-DD-YYYY Document Relevant Passages or Relevant Number-Kind Code<sup>2</sup> (if known) Figures Appear 5,630,668 US 5-20-1997 lkezawa et al. US 2,591,160 4-1-1952 Kilian US 4,225,200 9-30-1980 Dougall US 5.848.846 12-15-1998 Sugiyama et al. US 6,431,761 B1 8-13-2002 Yamaguchi et al. US 5,064,298 11-12-1991 Hibi et al. US 5,641,038 6-24-1997 Akamatsu US US US ŪŜ FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Translation INITIALS Applicant of Cited Document Lines Where Relevant CITE Country Codes -Number 4 -Kind MM-DD-YYYY Codes (if known) Figures Appear NO. Yes No DE 196 18 065 A1 11-13-1997 SCHAEFFLER **GERMAN** WAELZLAGER KG (w/English Abstract) DE 195 29 379 A1 5-15-1996 SCHAEFFLER **GERMAN** WAELZLAGER KG (w/English Abstract) GB 444,292 3-18-1936 HOFFMANN MANUFACTURING **COMPANY LIMITED** EP 0 657 658 A1 12-8-1994 THE TIMKEN COMPANY Х DE 41 30 227 A1 9-3-1992 NTN CORP Х OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, **EXAMINER'S INITIALS** journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where CITE published. NO. **EXAMINER** DATE CONSIDERED

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